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INFORMATION DISCLOSURE STATEMENT Address to: Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket	BERK-032
	First Named Inventor	KEASLING, JAY D.
	Application Number	10/573,796
	Confirmation No.	7712
	Filing Date	September 29, 2004 (International)
	Group Art Unit	1636
	Examiner Name	
Title: "METHODS FOR IDENTIFYING A BIOSYNTHETIC PATHWAY GENE PRODUCT"		

Sir:

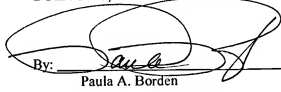
This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. BERK-032 may be charged thereon.

Respectfully submitted,

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By: 
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Date: Mar. 8, 2007

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete If Known	
		Application Number	10/573,796
		Filing Date	September 29, 2004 (international)
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		Art Unit	1636
Examiner Name			
Attorney Docket Number	BERK-032		

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Examiner Signature	/Nancy Vogel/	Date Considered	06/10/2000
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Indicate this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO International Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/573,796
		Filing Date	September 29, 2004 (international)
		First Named Inventor	KEASLING, JAY D.
		Art Unit	1636
		Examiner Name	
(Use as many sheets as necessary)		Attorney Docket Number	BERK-032
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BACK and CHAPPELL, "Identifying functional domains within terpene cyclases using a domain-swapping strategy" <i>Proc. Natl. Acad. Sci.</i> (1996), vol. 93, pp. 6841-6845	
		MARTIN et al., "Engineering a mevalonate pathway in <i>Escherichia coli</i> for production of terpenoids" <i>Nature Biotechnology</i> (2003), vol. 21, no. 7, pp. 796-802	
		TRAPP and CRÉTEAU, "Genomic Organization of Plant Terpene Synthases and Molecular Evolutionary Implications" <i>Genetics</i> (2001), vol. 158, pp. 811-831	
		WANG and OHNUMA (2006) "Isoprenyl diphosphate synthases" <i>Biochimica et Biophysica Acta</i>, vol. 1525, pp. 33-48	

Examiner Signature	/Nancy Vogel/	Date Considered	06/17/2009
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